

## In the Specification

At page 5, line 17 and continuing through page 6 line 8, please amend as follows:

In accordance with the present invention, a 50-60% magnesium hydroxide suspension, called "Femag HL" having a solid content between about 51% to 61%, a water content of from about 39% to 49%, a viscosity of about 1000 centipoises (cp)., a particle size of about 2 microns, a chloride content less than about 0.6%, a calcium content of less than about 1%, a pH greater than about 10, an equivalent magnesium oxide content of about 34% to 42%, a specific gravity of about 1.42 to 1.52, and including one or more anionic polyelectrolytes as a dispersant agent, at a concentration of at least about 25%, in an amount of about 0.5 to 2.5% on a dry basis, and ~~an adherent~~ a compound that improves the adhesion of the suspension to the pellets or briquettes (adherent compound) developed specifically for the above referenced purpose called "GBC200" comprising an acrylic-styrene emulsion, at a concentration of at least about 30% in an amount of about 0.5 to 5%, preferably about 1.5% to 2% on a dry basis, exhibiting a stability of at least three months without substantial agitation, and which ~~be~~ is used for covering pellets of several kinds of materials in order to avoid the agglomeration thereof when treated at high temperatures, is provided by a new process which will be disclosed below.

At page 7, line 8 and continuing to page 8, line 4 please amend as follows:

The process to produce the magnesium hydroxide suspension in accordance with the present invention, comprises dispersing a  $\text{Mg}(\text{OH})_2$  paste, comprising agglomerated  $\text{Mg}(\text{OH})_2$  crystals having a particle size of about 4.0 microns, by comminuting the solid paste to reduce the particle size in comminuting equipment, such as one having a cutting disc, for example,

polypropylene stainless steel, rotating at a speed in the range of about 1,200 to 3,000 RPM., and by including an anionic polyelectrolyte, as a dispersing agent, at a concentration of about 25%, in an amount of about 0.5 to 2.5% by weight on a dry basis; subjecting the mixture to a grinding step in equipment which employs, for example, zirconium silicate or stainless steel balls as grinding agents, to reduce the particle size to about 2 microns; adding ~~an adherent compound~~ a compound that improves the adhesion of the suspension to the pellets or briquettes (adherent compound) at a minimum concentration of about 30% in an amount of about 0.5 to 5% on a dry basis, and, dispersing the resulting suspension for about 10 minutes, to provide the suspension with a long-term stability of at least about three months without substantial agitation, and which does not settle out to form a hard solid cemented cake. The magnesium hydroxide suspension formed in this manner can be used for covering pellets and iron powder of several kinds of materials, such as iron pellets to avoid the agglomeration of a plurality of pellets when stored or subjected to a heat treatment thereof when treated at high or elevated temperatures. The magnesium suspension formed by the process of the present invention applied to the surface of said pellets by means of a plurality of spraying nozzles, which are passed thereunder by means of a conveyor belt.

At page 13 lines 3 through 8 please amend as follows:

adding ~~an adherent compound~~ a compound that improves the adhesion of the suspension to the pellets or briquettes (adherent compound), for example, a styrene-acrylic emulsion, at a concentration of at least about 30% in an amount of about 0.5 to 5%, by weight, but preferably between about 1.5% to 2.0%, by weight, on a dry basis and dispersing the suspension with the incorporated adherent compound for about 10 to 15